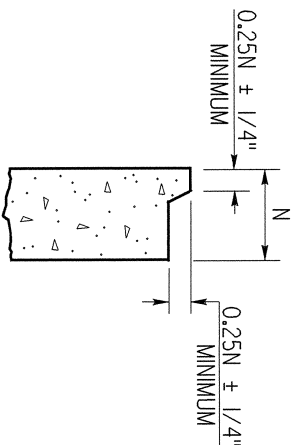
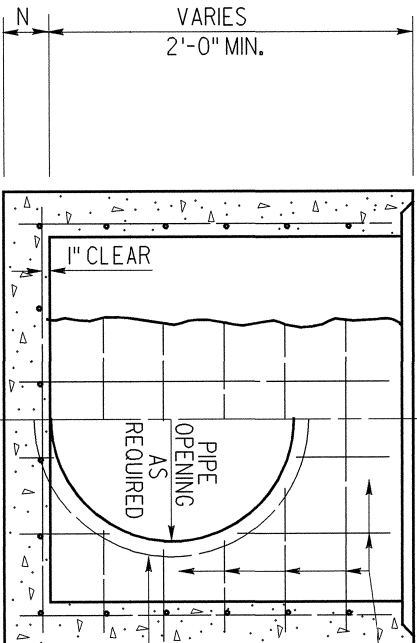
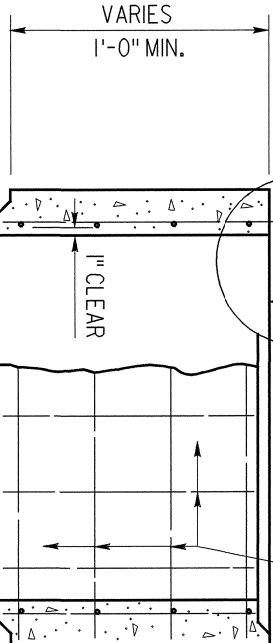
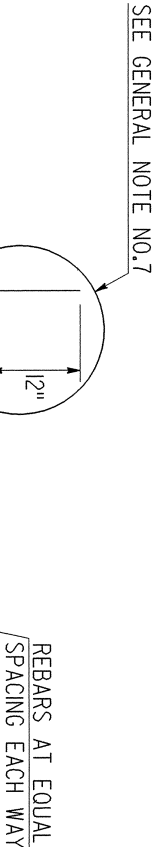


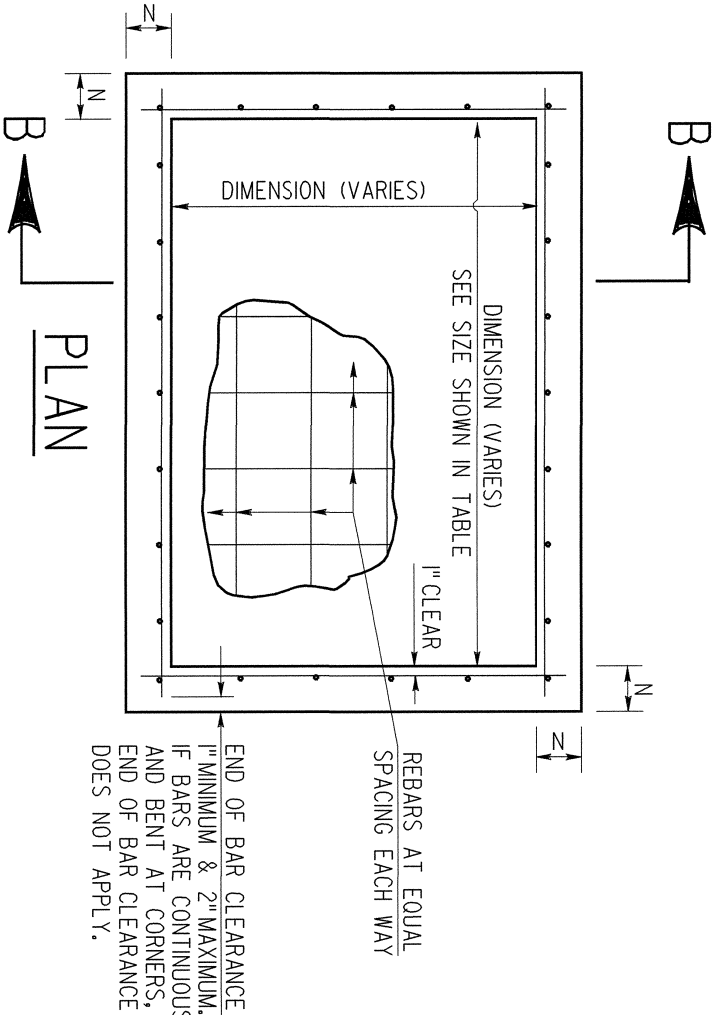
STATE PROJECT	PARISH	SHEET NO.



JOINT DETAIL

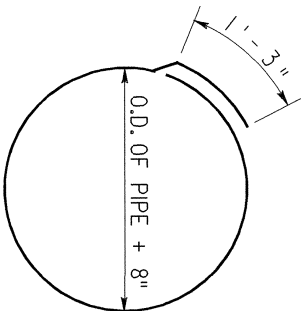


SECTION B-B



PRECAST UNITS FOR CATCH BASINS & MANHOLES									
	4' MAX. DIMENSION			6' MAX. DIMENSION			8' MAX. DIMENSION		
	Ø TYPICAL [3'X3' SIZES	Ø TYPICAL [6'X4' SIZES	Ø TYPICAL [8'X4' SIZES	Ø TYPICAL [8'X6' SIZES	Ø TYPICAL [10'X6' SIZES	Ø TYPICAL [10'X8' SIZES	Ø TYPICAL [10'X10' SIZES	Ø TYPICAL [10'X10' SIZES	Ø TYPICAL [10'X10' SIZES
MAX. HT. Feet	N	BAR SIZE	SPAC. Inches	AS * in²/ft	BAR SIZE	SPAC. Inches	AS * in²/ft	BAR SIZE	SPAC. Inches
8	4	4	8	0.30	4	8	0.30	4	5.5
8	6	4	12	0.20	4	6	0.40	5	5.5
14	6	4	9	0.27	4	6	0.40	5	4.0
20	6	4	7	0.34	4	4.5	0.53		

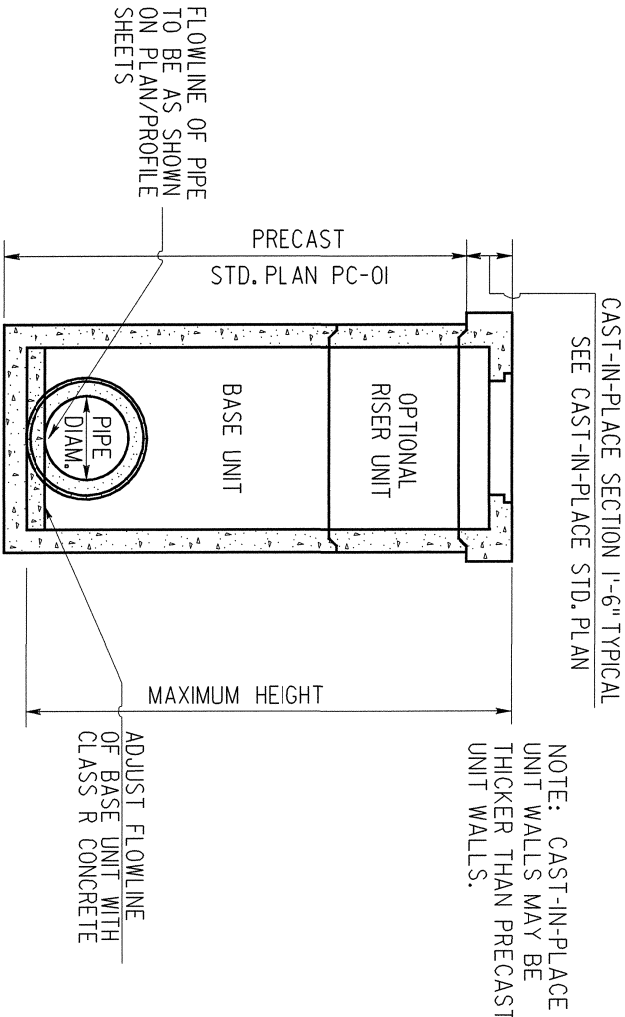
- OTHER SIZES ARE ACCEPTABLE AS LONG AS THE DIMENSIONS DO NOT EXCEED THE MAXIMUM DIMENSIONS.
- * BAR SPACING APPLIES TO BOTH DIRECTIONS AND AT ALL LOCATIONS.
- BAR SIZES AND SPACING MAY DIFFER FROM VALUES SHOWN, BUT THE AREA OF STEEL (AS) SHALL BE EQUAL TO OR GREATER THAN VALUE SHOWN, AND BAR SPACING SHALL NOT EXCEED 12 INCHES. THE AREA OF STEEL (AS) MAY BE PROVIDED WITH WELDED STEEL WIRE FABRIC.



TYPICAL COMPOSITE STRUCTURE

GENERAL NOTES

- THESE PRECAST UNITS ARE TO BE USED AS THE LOWER PORTION OF A COMPOSITE STRUCTURE. THE CAST-IN-PLACE FINISHING DETAILS ARE SHOWN ON OTHER STANDARD PLANS.
- CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI BEFORE ACCEPTANCE & SHIPPING OF UNITS. REINFORCING STEEL TO BE GRADE 60, OTHERWISE D.O.T.D. STD. SPECIFICATIONS.
- PIPE OPENING TO BE FORMED ONLY WHEN REQUIRED. OTHERWISE, WALL SECTION SHALL BE AS SHOWN.
- PIPE OPENING TO BE O.D. OF PIPE + 4" ± 1/2".
- PIPE TO BE GROUTED IN AFTER INSTALLATION.
- JOINTS BETWEEN PRECAST UNITS TO BE SEALED WITH FLEXIBLE PLASTIC GASKET MATERIAL AND WRAPPED WITH A 12" WIDTH OF GEOTEXTILE FABRIC (SEE DOTD OPL).
- JOINT BETWEEN CAST-IN-PLACE SECTION AND PRECAST UNIT TO BE TONGUE AND GROOVE AND SEALED WITH TYPE II GRADE A EPOXY (SEE DOTD OPL) OR FLAT JOINT WITH A MINIMUM OF 12" OF NO.4 BARS AT 18" CTRS. (MAX.) EXTENDED ABOVE THE JOINT.



STANDARD PLAN NO.		PC-01	SHEET 1 OF 1
PRECAST CATCH BASINS AND MANHOLES			
DATED FEB. 21, 1990			
STATE OF LOUISIANA			
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT			
4-16-90	Editorial Revision	P.A.A.	DESIGNED P.A.A.
DATE	DESCRIPTION	CHECKED P.A.A.	TRACED
REVISIONS		CHECKED	CHECKED
		APPROVED BY CHIEF ENGINEER Original Signed by Chief Engineer	